

the thread of said piston rod to form a self-locking thread connection, a second part mating with the not circular cross-section of said piston rod, wherein said first and second parts are rotatable relative to one another to drive the piston rod in an axial direction; and

a one-way coupling comprising:

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- a) an annular ring member of equally spaced internal ratchet notches, and
 - b) a pawl member having at least a pair of resilient arms, each arm having a free end for engaging said ratchet notches so as to allow rotation between said ring and said pawl in a first rotational direction and prevent rotation between said ring and said pawl in a second rotational direction, wherein said members are coupled between said housing and said piston rod drive such that rotation between said members in said first rotational direction causes the piston rod to move in a distal direction, and such that said members prevent movement of said piston rod in said proximal direction. - -

REMARKS

By the foregoing amendment, original claims 1-8 have been canceled, and new claims 9-19 are presented for examination. Such claims are directed to a medication delivery pen having a threaded piston rod and two parts: the first part mates with the piston rod so that it and the piston rod are non-rotatable relative to

one another; the second part has threads which engage the piston rod. Thus, when the first and second parts are rotated relative to one another, the piston rod is driven in an axial direction.

The claimed device also includes a one way coupling having an annular ring of internal ratchet notches, and a pawl having at least two resilient arms having a free end. The pair of arms can be seen best in Figures 4, 9 and 17. The fact that the ends of such arms are resilient is disclosed, e.g., at page 10, line 15. Preferably, as recited in claims 9 and 14, the annular ring is situated on the inside of the housing, e.g., within the cartridge holder portion 2 as shown in Figure 4, and the pawl surrounds the piston.

As disclosed in the present specification, the provision of such a one-way coupling ensures that, during a dose-setting operation, the piston rod cannot be moved in a direction away from the cartridge. The claimed invention, however, ensures that when the two parts rotate relative to one another in a direction intended to deliver a dose, the threaded engagement between the second part and the piston rod will cause the piston rod to move in an axial direction, toward the distal end of the device, to press out medication from the cartridge.

Favorable consideration and allowance of the new claims are respectfully requested.

Respectfully submitted,

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